

ABSTRACT

ROUND HONEYCOMB ROTOR to improve the performance of conventional propellers being used as rotor for aircraft, motorized pumps, vessels as well as for any use in hydraulic or pneumatic applications. It has helical pieces starting from its cube or circular nucleus and mounted on one or several tubular cylinders which are concentric between them. On the one hand the cylinder with largest diameter will have a conical main piece in order to control and direct centrifugal forces on their way out. On the other hand helical pieces come together shaping helical trapezoids which are fitted one onto the other giving the whole thing a round honeycomb shape. The outer perimeters are totally closed down allowing the combination of all centrifugal forces improving over ten times the performance of conventional propellers in any of the already mentioned applications.